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another and respectively extend from the coils to the rotor, wherein the stator laminations (1, 2, 3, 4) are connected in a region facing the rotor (19) to a holder (11) of non-magnetic metal.

27. (new) The electric motor as claimed in claim 26, wherein the stator laminations (1, 2, 3, 4) are galvanized.

28. (new) The electric motor as claimed in claim 27, wherein the stator laminations (1, 2, 3, 4) are welded to the holder (11) of the non-magnetic metal.

29. (new) The electric motor as claimed in claim 28, wherein the stator laminations (1, 2, 3, 4) are projection-welded to the holder (11) of the non-magnetic metal.

30. (new) The electric motor as claimed in claim 26, wherein the non-magnetic metal is brass.

31. (new) The electric motor as claimed in 26, wherein the non-magnetic metal is a non-ferrous metal or a non-ferrous metal alloy.

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32. (new) The electric motor as claimed in claim 26, wherein the stator laminations (1, 2, 3, 4) form the stator which centrally has an opening (18) for receiving the rotor (19), individual said stator laminations (1, 2, 3, 4) being arranged around the opening (18).

33. (new) The electric motor as claimed in claim 32, wherein pairs of opposite said stator laminations (1, 2, 3, 4) are bent in relation to one another such that they receive a coil (23, 24).

34. (new) The electric motor as claimed in claim 33, wherein it has four stator laminations (1, 2, 3, 4) and two coils (23, 24).

35. (new) The electric motor as claimed in claim 34, wherein two opposite said stator laminations (1, 2) are cranked once in relation to each other such that parts of the stator laminations (1, 2) are aligned parallel to each other, between which parts a first of said two coils (23) is arranged in a magnetically coupled manner.

36. (new) The electric motor as claimed in claim 35, wherein two other opposite stator laminations (3, 4) have in a vicinity of the opening (18) a first crank and in a

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vicinity of free ends a second crank and a second of said two coils (24) is arranged in a magnetically coupled manner between the free ends.

37. (new) The electric motor as claimed in claim 36, wherein the coils (23, 24) are arranged axially parallel at one height.

38. (new) The electric motor as claimed in claim 26, wherein the holder (11) has at least one foot (13) for mechanically fixing the stator at a place where the stator is fitted.

39. (new) The electric motor as claimed in claim 38, wherein the foot (13) is crankable after fitting of the stator for fixing the stator.

40. (new) The electric motor as claimed in claim 38, wherein the stator is fixable in a housing.

41. (new) The electric motor as claimed in claim 26, wherein one stator lamination (1) has an opening (8) into which a positioning pin protrudes.

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42. (new) The electric motor as claimed in claim 41, wherein the positioning pin is arranged in a housing.

43. (new) The electric motor as claimed in claim 26, wherein the stator laminations (1, 2, 3, 4) have at their ends facing the coils (23, 24) flattened portions (6) for facilitating fitting of the coils (23, 24).

44. (new) The electric motor as claimed in claim 26, wherein the rotor (19) is connected to a worm drive (22) which drives a spur gear (26).

45. (new) A process for producing an electric motor with a rotor and a stator, comprising a plurality of coils and stator laminations which are magnetically separated from one another and respectively extend from the coils to the rotor, the stator laminations (1, 2, 3, 4) are connected in a region facing the rotor (19) to a holder (11) of non-magnetic metal, the stator laminations (1, 2, 3, 4) being connected in a region facing the rotor (19) to a holder (11) of non-magnetic metal and are connected to one another by at least one web (5), the process comprising the steps of producing the stator laminations as one workpiece (W), wherein the workpiece (W) is connected to the holder (11) of the non-magnetic metal and the at least one web (5) between or on the stator laminations (1, 2, 3, 4) being cut through and/or removed completely.

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46. (new) The process as claimed in claim 45, wherein the connection of the stator laminations (1, 2, 3, 4) to the holder (11) takes place by soldering, adhesive bonding and riveting.

47. (new) The process as claimed in claim 45, wherein the stator laminations (1, 2, 3, 4) are welded to the holder (11) of the non-magnetic metal, the connection takes place by welding.

48. (new) The process as claimed in claim 47, wherein the welding is performed as projection welding, boss-shaped projections (12) being formed in the holder (11) and a required welding current being chosen such that atoms of the holder (11) migrate into a zinc layer of the pole laminations (1, 2, 3, 4) without altering the structure of remaining metal of the pole laminations.

49. (new) The process as claimed in claim 45, wherein the one or more webs (5) between stator surfaces are cut through by punching and/or removed completely.

50. (new) The process as claimed in claim 45, wherein the workpiece (W) and the holder (11) are

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positioned with one another by a pin passed through centering
openings (10, 17).

R E M A R K S

This Amendment accompanying this application is being made to cancel claims 1-25 without prejudice or disclaimer of the subject matter therein and to substitute new claims 26-50 therefor, in order to avoid multiple-dependent claim fees and to place this application in proper form and condition for examination as of the filing of this national stage application. No multiple-dependent claim fees apply.


Therefore no multiple-dependent claim fees should be charged in this application.

The specification has also been amended for formal improvement to comply with USA practice.

An Abstract is presented on a separate page herewith.

The Examiner is respectfully requested to enter this Amendment prior to calculation of the filing fee as of the national stage filing date, and to provide an action on the merits.

Respectfully submitted
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